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ABSTRACT

This document includes the statewide summary and community college district reports on community college classes offered in conjunction with high schools in Arizona. With the approval of the District Governing Board, courses may be offered by community colleges in conjunction with high schools for the purpose of offering community college instruction to high school students under certain circumstances. These include: (1) the student shall have been admitted to the community college under the provisions of R7-1-301; (2) courses may be offered at the high school campus provided the courses have been approved through the college curriculum approval process; and (3) courses shall use college-approved textbooks, syllabuses, grading, and standards. The summary indicates that the statewide total number of courses offered to high school students in 1999-2000 was 1,368 and the aggregate student enrollment (unduplicated headcount) was 15,449. In 1999-2000, the number of courses offered were as follows: (1) Cochise County, 37; (2) Coconino County, 8; (3) Graham County, 121; (4) Maricopa County, 948; (5) Mohave County, 0; (6) Navajo County, 182; (7) Pima County, 40; (8) Pinal County, 26; (9) Yavapai County, 6; and (10) Yuma and La Paz Counties, 0. In Maricopa County, which offered the largest number of courses, the most commonly requested classes were composition, health care, calculus, geometry, and Spanish. (JA)

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State Board of Directors for Community Colleges of Arizona

Report on Community College Classes Offered in Conjunction with High Schools (R7-1-709) FY 1999-2000

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STATE BOARD OF DIRECTORS FOR COMMUNITY COLLEGES OF ARIZONA

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October 27, 2000

Mr. Patrick J. Carlin
Chairman
State Board of Directors for Community Colleges of Arizona
3225 North Central Avenue, Suite 1220
Phoenix, Arizona 85012

Dear Chairman Carlin:

It is my pleasure to present you with the *Report on Community College Classes Offered in Conjunction with High Schools, FY 1999-2000* as required by R7-1-709.

Very truly yours,

Donald E. Puyear
Executive Director

Report on Community College Classes Offered in Conjunction with High Schools (R7-1-709) FY 1999-2000

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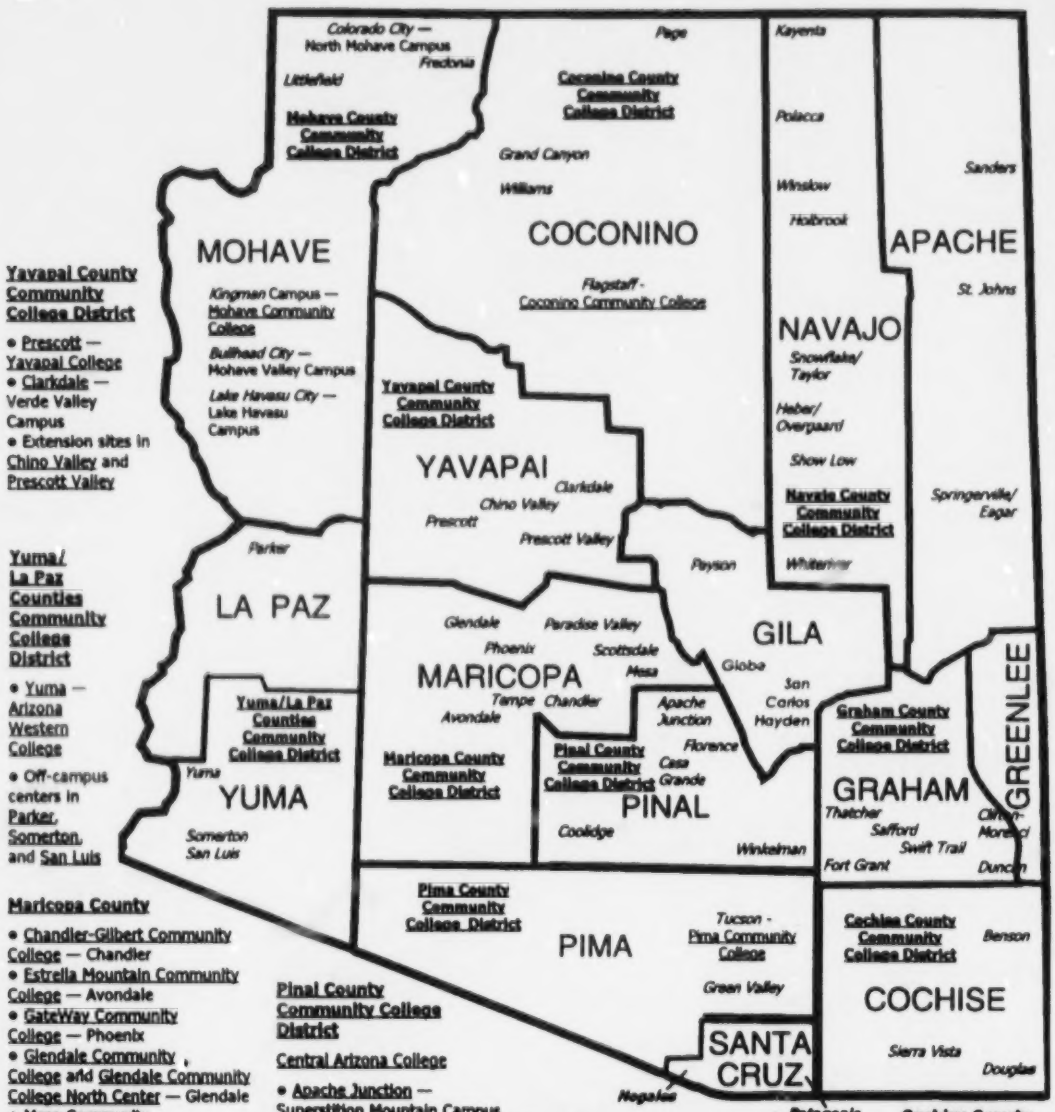
Arizona Western College (No activity in this area.)

Arizona Community College Campuses, Centers, and Extension Sites
FY 1999-2000



Yavapai County Community College District

- Prescott — Yavapai College
- Clarkdale — Verde Valley Campus
- Extension sites in Chino Valley and Prescott Valley

Yuma/ La Paz Counties Community College District

- Yuma — Arizona Western College
- Off-campus centers in Parker, Somerton, and San Luis

Maricopa County

- Chandler-Gilbert Community College — Chandler
- Estrella Mountain Community College — Avondale
- GateWay Community College — Phoenix
- Glendale Community College and Glendale Community College North Center — Glendale
- Mesa Community College — Mesa
- Paradise Valley Community College — Phoenix
- Phoenix College — Phoenix
- Rio Salado College — Tempe and other locations
- Scottsdale Community College — Scottsdale
- South Mountain Community College — Phoenix
- Maricopa Skill Center — Phoenix

Pinal County Community College District

Central Arizona College

- Apache Junction — Superstition Mountain Campus
- Additional programs offered in Florence and Casa Grande
- Coolidge — Signal Peak Campus
- Winkelman — Aravaipa Campus

Pima County Community College District

- Greater Tucson is served by Community Campus, Desert Vista Campus, Downtown Campus, East Campus, West Campus, Northeast and Northwest Community Learning Centers and the Center for Training and Development
- Services in Nogales, Santa Cruz County, provided by Pima County Community College District

- Services in Patagonia, Santa Cruz County, provided by Cochise County Community College District

Cochise County Community College District

- Cochise College — Main Campus, Douglas
- Cochise College — Benson Campus
- Cochise College — Sierra Vista Campus

Navajo County Community College District

Northland Pioneer College

Campus and Center Locations:

- Heber/Overgaard — Heber Center
- Holbrook — Painted Desert Campus
- Kayenta — Kayenta Center
- Polacca — Hopi Center
- Show Low — White Mountain Campus
- Snowflake/Taylor — Silver Creek Campus
- Whiteriver — Whiteriver Center
- Winslow — Little Colorado Campus
- Services provided in Sanders, Springerville/ Eagar, St. Johns and other locations in Apache Co. through Intergovernmental Agreement.
- Other programs provided throughout the Navajo, Hopi and White Mountain Apache reservations; Arizona Dept. of Corrections — Winslow; and Arizona Dept. of Corrections — Apache Co.

Graham County Community College District

Eastern Arizona College

Campus and Satellite Extension Center Locations:

- Thatcher — Main Campus
- Globe — Gila Pueblo Campus
- Payson — Payson Campus
- San Carlos — Satellite Center
- Hayden-Winkelman — Satellite Center
- Clifton/Morenci — Extension Center
- Duncan — Extension Center

Other programs provided at state/ federal corrections facilities:

- ADC — Safford, Fort Grant
- Federal — Swift Trail

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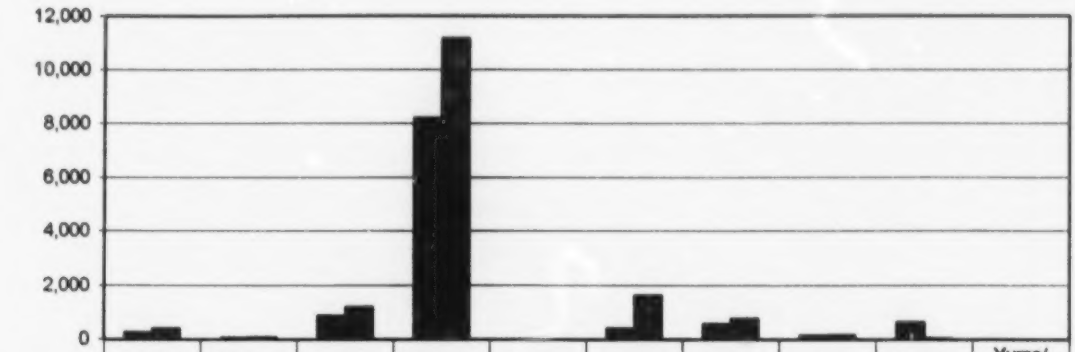
R7-1-709. Community College Classes Offered in Conjunction with High Schools

With the approval of the District Governing Board, courses may be offered by community colleges in conjunction with high schools for the purpose of offering community college instruction to high school students under the following circumstances:

1. Students shall have been admitted to the community college under the provisions of R7-1-301 — Student Admissions and shall satisfy the prerequisites for the course as published in the college catalog.
2. Courses may be offered at the high school campus provided the courses have been evaluated and approved through the official college curriculum approval process.
3. Courses shall use college-approved textbooks, syllabuses, course outlines, and grading standards, all of which are applicable to the courses when taught at the community college campus.
4. Each faculty member shall have a valid community college teaching certificate in the field being taught and shall have been selected and evaluated by the college using the same procedure and criteria that are used at the community college campus.
5. Each college district shall annually, by September 1, provide a report to the State Board of community college courses offered in conjunction with high schools during the previous academic year. This report shall list the locations at which the courses were offered, the discipline areas of the courses, and the aggregate student enrollment.

Report on Community College Classes Offered in Conjunction with High Schools (RZ-1-709) FY 1999-2000 District/College	Number of Locations at Which Courses Were Offered	Number of Courses Offered	Aggregate Student Enrollment (Unduplicated Headcount)
Statewide Summary	**147**	**1,368**	**15,449**
Cochise County Community College District Cochise College	5	37	399
Coconino County Community College District Coconino Community College	2	8	94
Graham County Community College District Eastern Arizona College	13	121	1,198
Maricopa County Community College District Maricopa Community Colleges	102	948	11,147
Mohave County Community College District Mohave Community College	No activity in this area.		
Navajo County Community College District Northland Pioneer College	11	182	1,618
Pima County Community College District Pima Community College	8	40	765
Pinal County Community College District Central Arizona College	4	26	181
Yavapai County Community College District Yavapai College	2	6	47
Yuma and La Paz Counties Community College District Arizona Western College	No activity in this area.		

District Totals - Aggregate Student Enrollment



	Cochise	Coconino	Graham	Maricopa	Mohave	Navajo	Pima	Pinal	Yavapai	Yuma/ LaPaz
1998-99	258	60	877	8,191	0	408	575	146	649	0
1999-00	399	94	1,198	11,147	0	1,618	765	181	47	0

Cochise County Community College District
Cochise College

Report on Community College Classes Offered in Conjunction with High Schools
(R7-1-709) FY 1999-2000

Total Number of Students Enrolled (Unduplicated Headcount): 399
Fall 1999 & Spring 2000

Locations at Which Courses Were Offered (**5** locations)	Courses Offered (**37** courses)
Benson High School Benson, AZ (7 courses)	CHM 151 General Chemistry I CHM 152 General Chemistry II HIS 110 History of the United States 1607 – 1877 HIS 111 History of the United States Since 1877 MAT 187 Precalculus PHY 111 General Physics I POS 110 American National Government
Buena High School Sierra Vista, AZ (10 courses)	AVT 101 Math for Basic Electronics AVT 104 Introduction to Electronics AVT 107 Avionics Fundamentals BIO 184 Plant Biology BIO 190 Animal Biology CIS 182 Computer Applications for Math HIS 110 History of the United States 1607 – 1877 HIS 111 History of the United States Since 1877 MAT 187 Precalculus MAT 220 Calculus I
Douglas High School Douglas, AZ (2 courses)	MAT 220 Calculus I MAT 231 Calculus II
St. David High School St. David, AZ (6 courses)	AVT 101 Math for Basic Electronics AVT 107 Avionics Fundamentals CHM 151 General Chemistry I HIS 110 History of the United States 1607 – 1877 HIS 111 History of the United States Since 1877 HLT 109 Nursing Assistant I
Willcox High School Willcox, AZ (12 courses)	ART 130 Painting for Personal Development I ART 131 Painting for Personal Development II CHM 151 General Chemistry I CHM 152 General Chemistry II HIS 110 History of the United States 1607 – 1877 HIS 111 History of the United States Since 1877 MAT 151 College Algebra MAT 182 Plane Trigonometry PHY 111 General Physics I PHY 112 General Physics II POS 110 American National Government POS 220 Federal and Arizona Constitution

Cochise College Course Descriptions – Top Ten Courses

CHM 151 General Chemistry I 4 credits
Introduction to the general principles of chemistry with emphasis on quantitative relationships including properties of matter, chemical bonding and structure, nomenclature, chemical equations, stoichiometry, thermochemistry, and states of matter. Prerequisite: MAT 122 or equivalent; also high school chemistry or CHM 100 with a grade of "C" or better. 3 lecture; 3 lab.

CHM 152 General Chemistry II 4 credits
Introduction to the general principles of chemistry with emphasis on quantitative relationships including acids and bases, equilibria, oxidation-reduction, kinetics, nuclear chemistry, electrochemistry, and aspects of organic and biochemistry. Prerequisite: CHM 151. 3 lecture; 3 lab.

HIS 110 History of the United States 1607 – 1877 3 credits
A study of development of American characteristics and nationality from colonial beginnings through the period of Reconstruction, emphasizing the factors and forces which produced the Revolution, the Constitution, westward expansion, sectionalism and the Civil War. 3 lecture.

HIS 111 History of the United States Since 1877 3 credits
A study of the social, economic, and political forces that moved the United States through changing times from the post-Reconstruction era to the present, focusing on both domestic and foreign affairs in the country's last century of development. Prerequisite: None 3 lecture.

MAT 151 College Algebra 4 credits
A logical development of the real number system, field axioms as applied to algebra, sets and set notation, inequalities and absolute value, polynomial functions and their graphs, determinants and matrices, inverse functions, logarithmic and exponential functions, complex numbers, sequences, binomial theorem, and mathematical induction. Prerequisite: Two years of high school algebra, or MAT 122 with a grade of "C" or better. 4 lecture.

MAT 182 Plane Trigonometry 3 credits
An analytical approach to trigonometry based upon the unit circle concept; trigonometric functions, identities, conditional equations, radian measure graphs, logarithms, solution of right and oblique triangles, inverse trigonometric functions and trigonometric form of complex numbers. Prerequisite: MAT 151 or approval of instructor. 3 lecture.

MAT 187 Precalculus 5 credits
Topics from college-level algebra and trigonometry essential to the study of calculus and analytic geometry. Includes algebraic, exponential, logarithmic, trigonometric, and inverse trigonometric functions, complex numbers, linear and nonlinear systems of equations and inequalities, and sequences and series. 5 hour lecture.

MAT 220 Calculus I 5 credits
An integrated study in which analytic geometry is used to develop, understand, and apply calculus concepts. Includes absolute value and inequality, relations and functions, graphs, limits and continuity, definition and application of the derivative, antiderivative and definite integral. Prerequisite: Four years of high school mathematics or MAT 187 or MAT 151 and MAT 182 or permission of instructor. 5 lecture.

POS 110 American National Government 3 credits
A study of the political system of the United States. Emphasis on constitutional development, the political culture, voting, political parties, campaigns and elections, interest groups, public opinion, and the three branches of the national government. Designed to increase the student's awareness and understanding of the political arena. This course fulfills the Federal Constitution requirement for the Arizona Teaching Certificate. Prerequisite: None. 3 lecture.

POS 220 Federal and Arizona Constitution 3 credits
A study of the governments of the United States and Arizona through the interpretation of the constitution of each political entity. Approved for teacher certification. Teachers needing only Arizona constitution should enroll in POS 221. 3 hour lecture.

Coconino County Community College District
Coconino Community College

Report on Community College Classes Offered in Conjunction with High Schools
(R7-1-709) FY 1999-2000

Total Number of Students Enrolled (Unduplicated Headcount): 94

Locations at Which Courses Were Offered (2 locations)	Courses Offered (8 courses)
Grand Canyon High School Grand Canyon, AZ (3 courses)	HUM 241 Humanities I PSY 101 Introduction to Psychology SPA 101 Beginning Spanish I
Page High School Page, AZ (5 courses)	ENG 101 College Composition I ENG 102 College Composition II MAT 220 Calculus & Analytical Geometry I SPA 101 Beginning Spanish I SPA 102 Beginning Spanish II

Coconino Community College Course Descriptions

ENG 101 College Composition I 3 credits
Extensive practice in essay writing with emphasis on critical thinking, analytical reading, and observation, and the process of writing. Prerequisite: Placement, ENG 100 or ENG 100X. Three lecture.

ENG 102 College Composition II 3 credits
Extensive practice in critical thinking, reading, and writing with an emphasis on composing analytical essays on literary topics and a documented essay. Prerequisite: ENG 101. Three lecture.

HUM 241 Humanities I 3 credits
Cultural development of the Western World from the ancient Greeks to the Renaissance as reflected in the literature, visual arts, architecture, and performing arts of the various periods. Pre or Co-requisite: ENG 102. General Education: Arts and Humanities. Special Requirement: Intensive Writing/Critical Inquiry. Three lecture.

MAT 220 Calculus & Analytical Geometry I 5 credits
Limits, continuity, differential, and integral operations on algebraic and trigonometric functions and applications. Prerequisite: MAT 187 or MAT 151 and MAT 184, or placement. Five lecture.

PSY 101 Introduction to Psychology 3 credits
Scientific method in psychology, a survey of the different fields in psychology, heredity and environment, intelligence, emotions, motivation, the nervous system, and the learning process. General Education: social and Behavioral Sciences. Three lecture.

SPA 101 Beginning Spanish I 4 credits
Basic grammar, vocabulary, and culture. Practice in speaking, reading, and writing Spanish. General Education: Options. Four lecture.

SPA 102 Beginning Spanish II 4 credits
Further emphasis on basic grammar, vocabulary, and culture. Practice in speaking, reading, and writing Spanish. Prerequisite: SPA 101 or placement. General Education: Options. Four lecture.

Graham County Community College District
Eastern Arizona College

Report on Community College Classes Offered in Conjunction with High Schools
(R7-1-709) FY 1999-2000

Total Number of Students Enrolled (Unduplicated Headcount): 1,198

Locations at Which Courses Were Offered (**13** locations)	Courses Offered (**121** courses)
Eastern Arizona College Thatcher, AZ (17 courses)	AUT 101 Introduction to Automotive Technology AUT 104 Small Engines AUT 106 Automotive Electrical Fundamentals AUT 110 Fuel and Emission Systems DRF 108 Technical Drafting DRF 170 Architectural Drafting DRF 214 3D Animation DRF 220 Machine Drafting DRF 232 Structural Drafting DRF 261 Computer Aided Drafting- Introduction to AutoCAD DRF 262 Computer Aided Drafting - Facilities DRF 271 Computer Aided Drafting - Advanced AutoCAD MSP 101 Fundamentals of Machine Shop MSP 104 Machine Shop MSP 110 Welding MSP 210 Technical Welding MSP 260 Pattern Making and Foundry
Eastern Arizona College Payson Campus Payson, AZ (5 courses)	HCE 100 Basic Health Care Concepts and Skills HCE 101 Basic Life Support HCE 112 Medical Terminology HCE 114 Math for Medications NUR 100 Nursing Assistant
Globe High School Globe, AZ (10 courses)	CMP 101 Introduction to Computers CMP 103 Introduction to Computer Based Systems CMP 110 Microsoft Excel 2000 HCE 100 Basic Health Care Concepts and Skills HCE 101 Basic Life Support HCE 112 Medical Terminology HCE 114 Math for Medications HPE 101Y Beginning Weights I HPE 102Y Beginning Weights II NUR 102 Nursing Assistant II
Hayden High School Winkelman, AZ (3 courses)	IAR 101 Woodworking OFT 117 Electronic Keyboarding I OFT 118 Electronic Keyboarding II
Liberty High School Globe, AZ (2 courses)	BLD 101 Beginning Carpentry BLD 130 Form and Frame
Miami High School Miami, AZ (20 courses)	ART 101 Fundamentals of Design ART 102 Color and Design ART 181 Advertising Design I BIO 100 Biology Concepts BLD 101 Beginning Carpentry BLD 130 Form and Frame *(continued on page 11)*

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Locations at Which Courses Were Offered	Courses Offered
Miami High School Miami, AZ *(continued from page 10)*	BUS 101 Fundamentals of Accounting CMP 110 Current Applications CMP 110U Current Applications ENG 101 Written Communications 1 ENG 102 Written Communications II ENG 110 Composition Skills I ENG 111 Composition Skills II HCE 100 Basic Health Care Concepts and Skills HCE 101 Basic Life Support HCE 112 Medical Terminology HCE 114 Math for Medications HPE 101Y Beginning Weights I HPE 102Y Beginning Weights II NUR 100 Nursing Assistant
Morenci High School Morenci, AZ (18 courses)	AUT 101 Introduction to Automotive Technology AUT 104 Small Engines AUT 106 Automotive Electrical Fundamentals AUT 110 Fuel and Emission Systems AUT 120 Power Transmissions AUT 132 Braking Systems ENG 101 Written Communications I ENG 102 Written Communications II ENG 110 Composition Skills I MAT 154 College Algebra MAT 181 Plane Trigonometry MSP 101 Fundamentals of Machine Shop MSP 104 Machine Shop MSP 108 Introduction to Oxyacetylene Welding and Metal Fabrication MSP 260 Pattern Making and Foundry SPA 202 Intermediate Spanish II WLD 101 Welding WLD 111 Arc Welding
Mount Graham High School Safford, AZ (3 courses)	CMP 101 Introduction to Computers OFT 117 Electronic Keyboarding I OFT 118 Electronic Keyboarding II
Occupational Center Miami, AZ (2 courses)	AUT 100 Introduction to Automotive Technology AUT 101 Introduction to Automotive Technology
Payson High School Payson, AZ (12 courses)	ART 101 Fundamentals of Design ART 102 Color and Design BLD 101 Beginning Carpentry BLD 130 Form and Frame CMP 101 Introduction to Computers CMP 110 Current Applications HPE 101 Beginning Body Conditioning I HPE 101Y Beginning Weights I HPE 102 Beginning Body Conditioning II HPE 102Y Beginning Weights II MUS 133 Symphonic Choir I MUS 134 Symphonic Choir II

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Locations at Which Courses Were Offered	**Eastern Arizona College** *Report on Community College Classes Offered in Conjunction with High Schools* Courses Offered
Safford High School Safford, AZ (4 courses)	ENG 101 Written Communications I ENG 102 Written Communications II HIS 104 Western Civilization I MAT 154 College Algebra
San Carlos High School San Carlos, AZ (16 courses)	AGR 115 Agriculture Records AGR 135 Conservation and Natural Resources APA 101 Apache Language I APA 102 Apache Language II ART 111 Drawing ART 147 Beginning Oil Painting I ART 161 Beginning Ceramics I ART 162 Beginning Ceramics II BUS 190 Presenting Service - Waiter/Waitress BUS 191 Applied Food Service Sanitation - Safe Food Handling ENG 101 Written Communications 1 ENG 110 Composition Skills I HPE 101BB Beginning Strength and Flexibility Training I HPE 101Y Beginning Weights I HPE 102BB Beginning Strength and Flexibility Training II HPE 102Y Beginning Weights II
Thatcher High School Thatcher, AZ (9 courses)	BIO 100 Biology Concepts ENG 101 Written Communications I ENG 102 Written Communications II ENG 110 Composition Skills I IAR 101 Woodworking IAR 120 Machine Woodworking MAT 154 College Algebra MAT 181 Plane Trigonometry PHY 103 Introduction to Astronomy

Eastern Arizona College Course Descriptions – Top Ten Courses

APA 101 Apache Language I 4 credits
Emphasizes speaking, writing, listening comprehension, and culture through a variety of approaches.

ART 101 Fundamentals of Design 2 to 3 credits
Covers the elements of line, value, shape, texture, and color used according to the principles of design in two-dimensional composition.

ART 102 Color and Design 2 to 3 credits
Principles of color theory as related to the visual arts.

BIO 100 Biology Concepts 4 credits
An integrated course dealing with both plants and animals, related to our environment from molecule to biosphere. A liberal studies course for non-science majors with an emphasis on contemporary issues.

CMP 101 Introduction to Computers 3 credits
A first course in computers designed to provide beginning students with an understanding of the computer revolution in society, with hands-on experience in a microcomputer laboratory. Wordprocessing, spreadsheets, database, data communications and the internet, presentation, and desktop publishing.

ENG 101 Written Communications 1 3 credits
Emphasizes clear and effective writing and critical reading.

ENG 102 Written Communications II 3 credits
Continues development of skills and concepts taught in ENG 101. Emphasizes research and critical reading and writing.

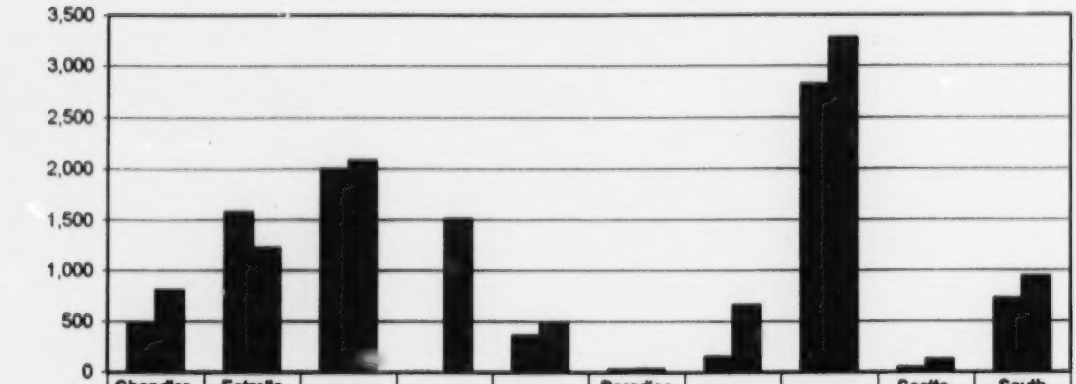
HPE 102 Beginning Physical Activities II 1 credit
Sections are offered in a variety of physical activities, including individual, dual, and team sports. Continuation of HPE 101

MAT 154 College Algebra 3 credits
A review of polynomials, exponents, and radicals; solutions to equations and inequalities in one and two variables. Topics covered include exponential, logarithmic, and quadratic functions; roots of polynomials; graphs of various functions and conic sections; solutions of systems of linear equations.

OFT 117 Electronic Keyboarding 3 credits
This course introduces techniques of computer keyboarding with emphasis on touch control, speed, and accuracy. Using a word processing program, the course also introduces the formats of reports, letters, memos, tables, and employment documents.

Report on Community College Classes Offered in Conjunction with High Schools (R7-1-709) FY 1999-2000 College	Number of Locations at Which Courses Were Offered	Number of Courses Offered	Aggregate Student Enrollment (Unduplicated Headcount)
Maricopa Community Colleges District Summary	**102**	**948**	**11,147**
Chandler-Gilbert Community College	12	96	811
Estrella Mountain Community College	13	150	1,222
GateWay Community College	13	117	2,083
Glendale Community College	15	137	1,512
Mesa Community College	9	29	485
Paradise Valley Community College	1	2	34
Phoenix College	8	68	660
Rio Salado College	23	302	3,272
Scottsdale Community College	4	13	124
South Mountain Community College	4	34	944

Maricopa Community Colleges
Aggregate Student Enrollment



	Chandler-Gilbert	Estrella Mountain	Gate Way	Glendale	Mesa	Paradise Valley	Phoenix	Rio Salado	Scotts-dale	South Mountain
1998-99	484	1,575	1,996	0	361	28	153	2,824	47	723
1999-00	811	1,222	2,083	1,512	485	34	660	3,272	124	944

Maricopa County Community College District
Maricopa Community Colleges

Report on Community College Classes Offered in Conjunction with High Schools
(R7-1-709) FY 1999-2000

Total Number of Students Enrolled (Unduplicated Headcount): 11,147

948 Courses Offered at 102 locations

Maricopa Community Colleges Course Descriptions
Top Ten Courses Most Requested by High Schools

ENG 101 First-Year Composition 3 credits
Standard English writing skills. Emphasis on expository composition. Prerequisites: Appropriate English placement test score; or "C" or better in ENG 071.

ENG 102 First-Year Composition 3 credits
Continued development of Standard English writing skills. Introduction to research, note taking, organization and documentation in the preparation and writing of a research paper. Prerequisites: ENG 101 with a grade of "C" or better.

HCC 101 Health Care Today 0.5 credit
Overview of current health care professions, including career and labor market information. Health care delivery system, third party payers, facility ownership. Health organization structure, patient rights and quality of care. Prerequisites: None.

HCC 103, 105, 107, 109, 140, 151, 153 Health Core Curriculum

HCC 103	Workplace Behavior in Health Care	0.5 credit
HCC 105	Personal Wellness and Safety	0.5 credit
HCC 107	Communication & Team Work in the Health Care Organizations	1 credit
HCC 109	CPR for the Health Care Provider	0.5 credit
HCC 140	Medical Terminology for Health Care Workers	2 credits
HCC 151	Legal and Ethical Issues in Health Care	0.5 credit
HCC 153	Decision Making in the Health Care Setting	0.5 credit

MAT 187 Calculus 5 credits
A precalculus course combining topics from college algebra and trigonometry. Preparation for analytic geometry and calculus. May receive credit for only one of the following: MAT 150, MAT 151, MAT 152, or MAT 187. Prerequisites: Grade of "B" or better in MAT 120 or MAT 122, or equivalent, or satisfactory score on a placement exam. Strongly recommended that students have some knowledge of trigonometry.

MAT 221 Calculus with Analytic Geometry I 4 credits
Real numbers, limits, continuity, differential and integral calculus of functions of one variable. May receive credit for only one of the following: MAT 220 or MAT 221. Prerequisites: Grade of "C" or better in (MAT 150, MAT 151 or MAT 152) and MAT 182, MAT 187 or equivalent, or satisfactory score on district placement exam.

MAT 231 Calculus with Analytic Geometry II 4 credits
Methods of integration, applications of calculus, elements of analytic geometry, improper integrals, sequences and series. May receive credit for only one of the following: MAT 230 or MAT 231. Prerequisites: Grade of "C" or better in MAT 220 or MAT 221 or equivalent.

SPA 102 Elementary Spanish II 4 credits
Continued study of grammar and vocabulary of the Spanish language and study of the Spanish-speaking cultures. Emphasis on speaking, reading and writing skills. Prerequisites: SPA 101 or departmental approval.

SPA 201 Intermediate Spanish I 4 credits
Review of essential grammar of the Spanish language and study of the Spanish-speaking cultures and continued practice and development of reading, writing, and speaking skills. Emphasis on fluency and accuracy in spoken Spanish. Prerequisites: SPA 102, two years of high school Spanish or departmental approval.

SPA 202 Intermediate Spanish II 4 credits
Review of grammar, continued development of Spanish language skills with continued study of the Spanish-speaking culture. Prerequisites: SPA 201 or departmental approval.

Maricopa County Community College District
Chandler-Gilbert Community Colleges

Report on Community College Classes Offered in Conjunction with High Schools
(R7-1-709) FY 1999-2000

Total Number of Students Enrolled (Unduplicated Headcount): 811

Locations at Which Courses Were Offered (**12** locations)	Courses Offered (**96** courses)
Chandler High School Chandler, AZ (13 courses)	ART 131 Photography I CHM 151 General Chemistry I CHM 151LL General Chemistry I Lab CHM 152 General Chemistry II CHM 152LL General Chemistry II Lab FRE 201 Intermediate French I HIS 104 United States History 1870 to Present MAT 167 Elements of Statistics MAT 187 Precalculus MAT 221 Calculus with Analytic Geometry I SPA 101 Elementary Spanish I SPA 201 Intermediate Spanish I SPA 202 Intermediate Spanish II
Corona del Sol High School Tempe, AZ (4 courses)	ART 131I Photography I CIS 190 Introduction to Local Area Networks CIS 191DL MS Windows NT System Administration MGT 251 Human Relations in Business
Desert Vista High School Phoenix, AZ (4 courses)	BPC 120DA Micro Graphics: IBM PowerPoint BPC 135DK Word Processing Software: Word/Windows CIS 190 Introduction to Local Area Networks MGT 251 Human Relations in Business
Dobson High School Mesa, AZ (9 courses)	ACC 111 Accounting Principles BPC 114AE Excel: Level BPC 117AM Database Management: Microsoft Access, Level I I BPC 120DA Micro Graphics: IBM PowerPoint PBC 130DK Personal Word Processing: Word/Windows BPC 135DK Word Processing Software: Work/Windows BPC 170 Microcomputer Maintenance I: A+ Prep CNT 140 CISCO Networking Fundamentals CNT 150 CISCO Networking Router Technologies
East Valley Technical Institute Mesa, AZ (4 courses)	BPC 170 Microcomputer Maintenance I: A+ Prep CIS 190 Introduction to Local Area Networks CNT 140 CISCO Networking Fundamentals CNT 150 CISCO Networking Router Technologies
Gilbert High School Gilbert, AZ (7 courses)	ACC 111 Accounting Principles I ACC 115 Computerized Accounting BPC 170 Microcomputer Maintenance I: A+ Prep CIS 190 Introduction to Local Area Networks MAT 187 Precalculus MAT 221 Calculus with Analytic Geometry I MAT 231 Calculus with Analytic Geometry II
Hamilton High School Chandler, AZ (23 courses)	BIO 160 Introduction to Human Anatomy & Physiology BIO 181 General Biology (Majors) I BIO 182 General Biology (Majors) II CHM 151 General Chemistry I *(continued on page 17)*

Locations at Which Courses Were Offered	Courses Offered
Hamilton High School Chandler, AZ *(continued from page 16)*	CHM 151LL General Chemistry I Laboratory CHM 152 General Chemistry II CHM 152LL General Chemistry II Laboratory HIS 103 United States History to 1870 MAT 152 College Algebra MAT 187 Precalculus MAT 221 Calculus with Analytic Geometry I MAT 231 Calculus with Analytic Geometry II PHY 101 Introduction to Physics PHY 111 General Physics I PHY 112 General Physics II PHY 121 University Physics I: Mechanics PHY 131 University Physics I: Electricity & Magnetism SLG 101 American Sign Language I SLG 102 American Sign Language II SPA 101 Elementary Spanish I SPA 102 Elementary Spanish I SPA 201 Intermediate Spanish I SPA 202 Intermediate Spanish II
Highland High School Gilbert, AZ (16 courses)	BPC 114AE Excel: Level I BPC 114BE Excel: Level II BPC 117AM Database Management: Microsoft Access - Level I BPC 117BM Database Management: Microsoft Access - Level II BPC 135DK Word Processing Software: Word/Windows BPC 170 Microcomputer Maintenance I: A+ Prep CHM 151 General Chemistry I CHM 151LL General Chemistry I Laboratory CHM 152 General Chemistry II CHM 152LL General Chemistry II Laboratory MAT 187 Precalculus MAT 221 Calculus with Analytic Geometry I MAT 231 Calculus with Analytic Geometry II MAT 241 Calculus & Analytic Geometry III TCM 101 Fundamentals of Radio & Television TCM 131 Radio - Television Announcing
Mesa High School Mesa, AZ (3 courses)	ACC 111 Accounting Principles I CNT 140 CISCO Networking Fundamentals CNT 160 CISCO Advanced Routing Switching
Mesquite High School Gilbert, AZ (1 course)	MAT 187 Precalculus
Mountain Pointe High School Phoenix, AZ (5 courses)	BPC 120DA Micro Graphics: IBM PowerPoint BPC 135DK Word Processing Software: Word/Windows CIS 190 Introduction to Local Area Networks CIS 191DL MS Win NT System Administration MGT 251 Human Relations in Business
Red Mountain High School Mesa, AZ (7 courses)	BPC 114AE Excel: Level I BPC 120DA Micro Graphics: IBM PowerPoint BPC 130DK Personal Word Processing: Word/Windows BPC 135DK Word Processing Software: Word/Windows BPC 170 Microcomputer Maintenance I: A+ Prep BPC 171 Introduction to Local Area Networks

Maricopa County Community College District
Estrella Mountain Community College

Report on Community College Classes Offered in Conjunction with High Schools
(R7-1-709) FY 1999-2000

Total Number of Students Enrolled (Unduplicated Headcount): 1,222

Locations at Which Courses Were Offered (**13** locations)	Courses Offered (**150** courses)
Agua Fria Union High School Litchfield Park, AZ (15 courses)	BIO 181 General Biology (Majors) I BIO 181 Laboratory for BIO 181 BIO 182 General Biology (Majors) II BIO 182 Laboratory for BIO 182 CHM 151 General Chemistry I CHM 151LL General Chemistry I Lab ECN 112 Microeconomic Principles ENG 101 First-Year Composition ENG 102 First-Year Composition HIS 103 United States History to 1870 HIS 104 United States History to Present MAT 220 Analytic Geometry & Calculus I POS 220 U.S. & Arizona Constitution SPA 201 Intermediate Spanish I SPA 202 Intermediate Spanish II
Barry Goldwater High School Phoenix, AZ (4 courses)	CNT 140 Cisco Networking Fundamentals CNT 150 Cisco Network Router Technologies CNT 160 Cisco Adv Routing & Switching CNT 170 Cisco Project Based Learning
Buckeye Union High School Buckeye, AZ (10 courses)	ENG 102 First-Year Composition HIS 103 United States History to 1870 HIS 104 United States History 1870 to Present MAT 151 College Algebra/Functions MAT 182 Plane Trigonometry MAT 212 Brief Calculus SPA 101 Elementary Spanish I SPA 102 Elementary Spanish II SPA 201 Intermediate Spanish I SPA 202 Intermediate Spanish II
Centennial High School Peoria, AZ (7 courses)	BTO 102 Essential Office Skills BTO 104 Etiquette in the Office BTO 140 Successful Office Presentations BTO 156AC Admin Office Coordinator Internship OAS 101AA Typing I: Keyboard Mastery OAS 101AB Typing I: Letters, Tables & Reports OAS 101AC Typing I: Office Prod & Manuscript
Dysart High School El Mirage, AZ (7 courses)	CNT 140 Cisco Networking Fundamentals CNT 150 Cisco Network Router Technologies CNT 160 Cisco Adv Routing & Switching ENG 101 First-Year Composition HIS 101 Hist of W Civilization/Mid Ages-1789 HIS 103 United States History to 1870 HIS 104 United States History 1870 to Present
Glendale High School Glendale, AZ (4 courses)	CNT 140 Cisco Networking Fundamentals CNT 150 Cisco Network Router Technologies CNT 160 Cisco Adv Routing & Switching CNT 170 Cisco Project Based Learning

Locations at Which Courses Were Offered	**Estrella Mountain Community College** *Report on Community College Classes Offered in Conjunction with High Schools* Courses Offered
Greenway High School Phoenix, AZ (4 courses)	CNT 140 Cisco Networking Fundamentals CNT 150 Cisco Network Router Technologies CNT 160 Cisco Adv Routing & Switching CNT 170 Cisco Project Based Learning
Maryvale High School Phoenix, AZ (9 courses)	ENG 101 First-Year Composition ENG 102 First-Year Composition FRE 101 Elementary French I FRE 102 Elementary French II FRE 201 Intermediate French I MAT 151 College Algebra/Functions SPA 101 Elementary Spanish I SPA 102 Elementary Spanish II SPA 202 Intermediate Spanish II
Metro Tech Vocational Institute of Phoenix Phoenix, AZ (1 course)	CNT 140 Cisco Networking Fundamentals
Millenium High School Goodyear, AZ (7 courses)	CNT 150 Cisco Network Router Technologies ENG 101 First-Year Composition HIS 103 United States History to 1870 HIS 104 United States History to Present MAT 220 Analytic Geometry & Calculus I SPA 201 Intermediate Spanish I SPA 202 Intermediate Spanish II
Tolleson Union High School Tolleson, AZ (25 courses)	BPC 117AM Database Mgmt: Microsoft Access-Level I BPC 118AB PowerPoint: Level I BTO 100 Career Orientation for the Office BTO 106 Building a Professional Office Image BTO 108 Managing the Office Work Flow BTO 148 Office Ethics & Culture CIS 114AE Excel: Level I CIS 114BE Excel: Level II CIS 121AC Unix Operating System: Single User CIS 123AA Microsoft Windows CIS 133DA The Internet: WWW CIS 156 Fortran Programming I CIS 162C Programming I ENG 101 First-Year Composition ENG 102 First-Year Composition ENH 110 Introduction to Literature HIS 103 United States History to 1870 HIS 104 United States History to Present MAT 151 College Algebra/Functions MAT 182 Plane Trigonometry MAT 220 Analytic Geometry & Calculus I OAS 101AA Typing I: Keyboard Mastery OAS 101AB Typing I: Letters, Tables & Reports OAS 101AC Typing I: Office Prod & Manuscript POS 220 U.S. & Arizona Constitution
Trevor Browne High School Phoenix, AZ (16 courses)	ACC 115 Computerized Accounting BPC 110 Computer Usage & Application BPC 118AB PowerPoint: Level I BPC 135DK Word Proc Software: Word/Win *(continued on page 21)*

Locations at Which Courses Were Offered	Courses Offered
Trevor Browne High School Phoenix, AZ *(continued from page 20)*	BTO 102 Essential Office Skills BTO 104 Etiquette in the Office BTO 104 Ettiquette in the Office BTO 140 Successful Office Presentations BTO 156AC Admin Office Coordinator Internship ENG 101 First-Year Composition ENG 102 First-Year Composition FRE 101 Elementary French I FRE 102 Elementary French II MAT 151 College Algebra/Functions MAT 187 Precalculus MKT 115 Applied Retail Sales SPA 102 Elementary Spanish II
Westview High School Avondale, AZ (41 courses)	AAA 150 Strategies for College Success ACC 107 Bookkeeping Theory & Practice ART 131 Photography I ART 132 Photography II BIO 160 Introduction to Human Anatomy & Physiology BIO 160 Laboratory for BIO 160 BIO 181 General Biology (Majors) I BIO 181 Laboratory for BIO 181 BIO 182 General Biology (Majors) II BIO 182 Laborqtory for BIO 182 BPC 128 Intro to Desktop Publishing BPC 135DD Word Proc Software:WordPerfect/Win BTO 102 Essential Office Skills BTO 104 Etiquette in the Office BTO 108 Managing the Office Work Flow BTO 112 Rapid Writing & Notetaking BTO 124 Office Communication That Works BTO 130 Coping with Office Equipment BTO 148 Office Ethics & Culture CIS 162AB C++: Level I CIS 183AA Microsoft Works ECN 112 Microeconomic Principles ENG 101 First-Year Composition ENG 102 First-Year Composition ENH 110 Introduction to Literature ENH 221 Survey of English Lit Before 1800 ENH 222 Survey of English Lit After 1800 HIS 103 United States History to 1870 HIS 104 United States History to Present MAT 151 College Algebra/Functions MAT 187 Precalculus MAT 220 Analytic Geometry & Calculus I MAT 230 Analytic Geometry & Calculus II OAS 118 10-Key by Touch OAS 120 Financial Record Keeping POS 220 U.S. & Arizona Constitution SPA 101 Elementary Spanish I SPA 102 Elementary Spanish II SPA 201 Intermediate Spanish I SPA 202 Intermediate Spanish II SPA 265 Advanced Spanish I

Maricopa County Community College District
GateWay Community College

Report on Community College Classes Offered in Conjunction with High Schools
(R7-1-709) FY 1999-2000

Total Number of Students Enrolled (Unduplicated Headcount): 2,083

Locations at Which Courses Were Offered (**13** locations)	Courses Offered (**117** courses)
Cactus High School Glendale, AZ (6 courses)	ABC 119 Basic Safety ABC 120 Basic Math ABC 121 Intro. To H/P Tool ABC 122 Rigging ABC 123 Intro. To Blueprints SUN 103 Wall Systems
Camelback High School Phoenix, AZ (10 courses)	ACC 107 Intro. To Accounting ACC 111 Accounting Principles I BPC 110 Computer Usage/Applications BPC 125 Microcomputer Set Up/Maintenance BPC 170 Computer Maintenance I CIS 183AH Microsoft Office GBS 110 Human Relations in Business/Industry MKT 271 Marketing OAS 101 Typing: Keyboarding SPA 102 Spanish
Centennial High School Peoria, AZ (6 courses)	ABC 119 Basic Safety ABC 121 Intro. to H/P Tool ABC 122 Rigging ABC 123 Intro. to Blueprints SUN 102 Intro. To Carpentry SUN 103 Wall Systems
East Valley Institute of Technology Mesa, AZ (17 courses)	AUT 101 Engine Theory AUT 130 Automotive Quick Service BPC 110 Computer Applications CIS 150 Programming Theory CIS 183AH Microsoft Suite HCC 101 Health Care Today HCC 103 Workplace Behavior in Health Care HCC 105 Personal Wellness/Safety HCC 107 Communication/Teamwork HCC 109 CPR for Health Care Provider HCC 151 Legal/Ethical Issues in Health Care HCC 153 Decision Making in Health Care HCC 140 Medical Terminology for Health Care HCC 142 Medical Terminology: Special Areas NUR 156 Nurse Assisting NUR 156AA Lab for Nurse Assisting: Long Term Care NUR 156AB Lab for Nurse Assisting: Acute Care

Locations at Which Courses Were Offered	**GateWay Community College** *Report on Community College Classes Offered in Conjunction with High Schools* Courses Offered
Greenway High School Phoenix, AZ (12 courses)	HCC 101 Health Care Today HCC 103 Workplace Behavior HCC 105 Personal Wellness/Safety HCC 107 Communications/Teamwork in Health Care HCC 109 CPR for Health Care HCC 140 Medical Terminology for Health Care HCC 142 Medical Terminology:Special Areas HCC 151 Legal/Ethical Issues in Health Care HCC 153 Decision Making in Health Care NUR 156 Nurse Assisting NUR 156AA Lab for Nurse Assisting: Long Term Care NUR 156AB Lab for Nurse Assisting: Acute Care
Marcos de Niza High School Tempe, AZ (11 courses)	BPC 110 Computer Usage/Applications GBS 110 Human Relations in Business/Industry BPC 131DK Word for Windows II BPC 120DA PowerPoint for windows II GBS 151 Intro. To Business OAS 101AA Keyboarding SBS 214 Small Business Customer Relations GBS 132 Personal/Family Financial Security CIS 140 Survey of Multimedia BPC 128 Desktop Publishing MKT 271 Principles of Marketing
McClintock High School Tempe, AZ (12 courses)	AUT 101 Internal Combustion Engine Theory AUT 130 Internal Combustion Engine Theory BIO 160 Intro. to Human Anatomy/Physiology BIO 160 Lab BPC 110 Computer Usage/Applications BPC 128 Desktop Publishing CIS 140 Survey of Multimedia DFT 105 Drafting GBS 110 Human Relations in Business and Industry GBS 151 Intro. to Business MKT 271 Introduction to Marketing SBS 214 Small Business Customer Relations
North High School Phoenix, AZ (2 courses)	BIO 160 Introduction to Human Anatomy/Physiology BIO 160 Lab

Locations at Which Courses Were Offered	**GateWay Community College** *Report on Community College Classes Offered in Conjunction with High Schools* Courses Offered
Paradise Valley High School Phoenix, AZ (14 courses)	AUT 101 Internal Combustion Engines Theory AUT 130 Automotive Quick Service HCC 101 Health Care Today HCC 103 Workplace Behavior HCC 105 Personal Wellness/Safety HCC 107 Communications/Teamwork in Health Care HCC 109 CPR for Health Care HCC 140 Medical Terminology for Health Care HCC 142 Medical Terminology:Special Areas HCC 151 Legal/Ethical Issues in Healthcare HCC 153 Decision Making in Health Care NUR 156 Nurse Assisting NUR 156AA Lab for Nurse Assisting: Long Term Care NUR 156AB Lab for Nurse Assisting: Acute Care
Peoria High School Peoria, AZ (6 courses)	ABC 119 Basic Safety ABC 121 Intro. to H/P Tool ABC 122 Rigging ABC 123 Intro. to Blueprints SUN 102 Intro. to Carpentry SUN 103 Wall Systems
Saguaro High School Scottsdale, AZ (11 courses)	HCC 101 Health Care Today HCC 103 Workplace Behavior in Health Care HCC 105 Personal Wellness/Safety HCC 107 Communications/Teamwork in Health Care HCC 109 CPR for Health Care HCC 140 Medical Terminology in Health Care HCC 151 Legal/Ethical Issues in Health Care HCC 153 Decision Making in Health Care NUR 156 Nurse Assisting NUR 156AA Lab for Nurse Assisting: Long Term Care NUR 156AB Lab for Nurse Assisting: Acute Care
Sunnyslope High School Phoenix, AZ (8 courses)	HCC 101 Health Care Today HCC 103 Workplace Behavior in Health Care HCC 105 Personal Wellness/Safety HCC 107 Communications/Teamwork in Health Care HCC 140 Medical Terminology in Health Care HCC 151 Legal/Ethical Issues in Health Care HCC 153 Decision Making in Health Care HCC 142 Medical Terminology:Special Areas
Tempe High School Tempe, AZ (3 courses)	CPD 198AA Lab: Career Education MKT 271 Principles of Marketing SBS 214 Small Business Customer Relations

Maricopa County Community College District
Glendale Community College

Report on Community College Classes Offered in Conjunction with High Schools
(R7-1-709) FY 1999-2000

Total Number of Students Enrolled (Unduplicated Headcount): 1,512

Locations at Which Courses Were Offered (**15** locations)	Courses Offered (**137** courses)
Apollo High School Glendale, AZ (12 courses)	AJS 101 Introduction to Criminal Justice BPC 101AB Introduction to Microcomputers I: Macintosh BPC 101BB Introduction to Microcomputers II: Macintosh BPC 101CB Introduction to Microcomputers III: Macintosh ECH 181 Enhancing Infant Development ECH 182 Enhancing Toddler Development ECH 270 Observing Young Children MKT 271 Principles of Marketing OAS 101AA Typing I: Keyboard Mastery OAS 101AB Typing I: Letters, Tables & Reports OAS 101AC Typing I: Office Prod & Manuscript OAS 118 10-Key by Touch
Cactus High School Peoria, AZ (13 courses)	CNT 140 Cisco Networking Fundamentals CNT 150 Cisco Networking Router Technologies HCC 101 Health Care Today HCC 103 Workplace Behavior in Health Care HCC 105 Personal Wellness & Safety HCC 107 Communication/Team Wrk Hlth Care Orgs HCC 109 CPR for Health Care Provider HCC 140 Med Terminology/Health Care Workers HCC 151 Legal/Ethical Issues in Health Care HCC 153 Decision Making in Hlth Care Setting NUR 156 Nurse Assisting NUR 156AA Nurse Assist Lab: Long-Term Care NUR 156AB Nursing Assisting Lab: Acute Care
Centennial High School Peoria, AZ (15 courses)	CNT 140 Cisco Networking Fundamentals CNT 150 Cisco Network Router Technologies CNT 160 Cisco Adv Routing & Switching CNT 170 Cisco Project Based Learning HCC 101 Health Care Today HCC 103 Workplace Behavior in Health Care HCC 105 Personal Wellness & Safety HCC 107 Communication/Team Wrk Hlth Care Orgs HCC 109 CPR for Health Care Provider HCC 140 Med Terminology/Health Care Workers HCC 151 Legal/Ethical Issues in Health Care HCC 153 Decision Making in Hlth Care Setting NUR 156 Nurse Assisting NUR 156AA Nurse Assist Lab:Long-Term Care NUR 156AB Nursing Assisting Lab: Acute Care

Locations at Which Courses Were Offered	Courses Offered
Deer Valley Vocational Technical Center Glendale, AZ (25 courses)	ART 169 Two-Dimensional Computer Design ART 175 Electronic Publishing Design I ART 180AB Designer's Tools: Page Maker ART 180AD Designer's Tools: Adobe Illustrator ART 180AE Designer's Tools: Adobe PhotoShop AUT 097 General Automotive Maintenance AUT 121AA Automotive Body Repair AUT 122AA Advanced Automotive Body Repair CAD 105 Sketching CAD 110 Geometric Construction CAD 115 Multiview Projection CAD 120 Getting Started with CAD CAD 125 Drawing Database Management CAD 150 Two-Dimensional CAD (AutoCAD) HCC 101 Health Care Today HCC 103 Workplace Behavior in Health Care HCC 105 Personal Wellness & Safety HCC 107 Communication/Team Work Hlth Care Orgs HCC 109 CPR for Health Care Provider HCC 140 Med Terminology/Health Care Workers HCC 151 Legal/Ethical Issues in Health Care HCC 153 Decision Making in Hlth Care Setting NUR 156 Nurse Assisting NUR 156AA Nurse Assist Lab:Long-Term Care NUR 156AB Nursing Assisting Lab: Acute Care
Glendale High School Glendale, AZ (6 courses)	ACC 107 Bookkeeping Theory & Practice BPC 101AA Intro to Microcomputers I: IBM BPC 101BA Intro to Microcomputers II: IBM BPC 101CA Intro to Microcomputers III:IBM OAS 101AA Typing I: Keyboard Mastery OAS 101AB Typing I: Letters, Tables & Reports OAS 101AC Typing I: Office Prod & Manuscript
Greenway High School Phoenix, AZ (2 courses)	ACC 107 Bookkeeping Theory & Practice MKT 271 Principles of Marketing
Ironwood High School Glendale, AZ (8 courses)	HCC 101 Health Care Today HCC 103 Workplace Behavior in Health Care HCC 105 Personal Wellness & Safety HCC 107 Communication/Team Wrk Hlth Care Orgs HCC 109 CPR for Health Care Provider HCC 140 Med Terminology/Health Care Workers HCC 151 Legal/Ethical Issues in Health Care HCC 153 Decision Making in Hlth Care Setting
Mountain Ridge High School Glendale, AZ (1 course)	MKT 267 Principles of Salesmanship
Moon Valley High School Phoenix, AZ (10 courses)	BPC 101AA Intro to Microcomputers I: IBM BPC 101BA Intro to Microcomputers II: IBM BPC 101CA Intro to Microcomputers III:IBM ECH 181 Enhancing Infant Development ECH 182 Enhancing Toddler Development

(continued on page 29)

Locations at Which Courses Were Offered	Courses Offered
Moon Valley High School Phoenix, AZ *(continued from page 28)*	ECH 270 Observing Young Children MKT 271 Principles of Marketing OAS 101AA Typing I: Keyboard Mastery OAS 101AB Typing I: Letters, Tables & Reports
Peoria High School Peoria, AZ (11 courses)	HCC 101 Health Care Today HCC 103 Workplace Behavior in Health Care HCC 105 Personal Wellness & Safety HCC 107 Communication/Team Wrk Hlth Care Orgs HCC 109 CPR for Health Care Provider HCC 140 Med Terminology/Health Care Workers HCC 151 Legal/Ethical Issues in Health Care HCC 153 Decision Making in Hlth Care Setting NUR 156 Nurse Assisting NUR 156AA Nurse Assist Lab: Long-Term Care NUR 156AB Nursing Assisting Lab: Acute Care
Sunrise Mountain High School Peoria, AZ (8 courses)	HCC 101 Health Care Today HCC 103 Workplace Behavior in Health Care HCC 105 Personal Wellness & Safety HCC 107 Communication/Team Wrk Hlth Care Orgs HCC 109 CPR for Health Care Provider HCC 140 Med Terminology/Health Care Workers HCC 151 Legal/Ethical Issues in Health Care HCC 153 Decision Making in Hlth Care Setting
Sunnyslope High School Phoenix, AZ (6 courses)	BPC 101AB Intro to Microcomputers I: Macintosh BPC 101BB Intro to Microcomputers II: Macintosh BPC 101CB Intro to Microcomputers III: Macintosh OAS 101AA Typing I: Keyboard Mastery OAS 101AB Typing I: Letters, Tables & Reports OAS 101AC Typing I: Office Prod & Manuscript
Thunderbird High School Phoenix, AZ (8 courses)	ACC 107 Bookkeeping Theory & Practice BPC 101AB Intro to Microcomputers I: Macintosh BPC 101BB Intro to Microcomputers II: Macintosh BPC 101CB Intro to Microcomputers III: Macintosh OAS 101AA Typing I: Keyboard Mastery OAS 101AB Typing I: Letters, Tables & Reports OAS 101AC Typing I: Office Prod & Manuscript OAS 118 10-Key by Touch
Washington High School Phoenix, AZ (7 courses)	BPC 101AB Intro to Microcomputers I: Macintosh BPC 101BB Intro to Microcomputers II: Macintosh BPC 101CB Intro to Microcomputers III: Macintosh OAS 101AA Typing I: Keyboard Mastery OAS 101AB Typing I: Letters, Tables & Reports OAS 101AC Typing I: Office Prod & Manuscript OAS 118 10-Key by Touch
Westview High School Avondale, AZ (5 courses)	CHM 130 Fundamental Chemistry CHM 130LL Fundamental Chemistry Lab CHM 151 General Chemistry I CHM 151LL General Chemistry I Lab CHM 152 General Chemistry II

Maricopa County Community College District
Mesa Community College

Report on Community College Classes Offered in Conjunction with High Schools
(R7-1-709) FY 1999-2000

Total Number of Students Enrolled (Unduplicated Headcount): 485

Locations at Which Courses Were Offered (**9** locations)	Courses Offered (**29** courses)
Dobson High School Mesa, AZ (3 courses)	CPD 100 Orientation for Student Development ELE 113 DC Circuit Analysis ELE 113 Lab DC Circuits
East Valley Institute of Technology Mesa, AZ (4 courses)	AJS 101 Intro to Criminal Justice AJS 107 Patrol Procedures ART 131 Photography I FCS 106 Intro to Fire Protection
Gilbert High School Gilbert, AZ (10 courses)	AGL 189 Landscape Design AGS 182AA Gardening Practice & Techniques AGS 286WC Cooperative Education ANS 110 Intro to Animal Science ANS 212 Livestock Production & Management ENG 101 First Year Composition GLG 101 Intro to Geology I – Historical GLG 102 Intro to Geology II – Historical GLG 104 Lab- Geology I GLG 104 Lab – Geology II
Greater Phoenix Chinese Christian Academy Chandler, AZ (1 course)	CHI 101 Elementary Chinese
Hamilton High School Chandler, AZ (5 courses)	ECN 111 Microeconomics Principles HIS 103 U.S. History to 1870 HIS 104 U.S. History 1870 to Present POS 110 American National Government PSY 101 Intro to Psychology
Highland High School Gilbert, AZ (1 course)	ANS 212 Livestock Production & Management
Papago High School Phoenix, AZ (2 courses)	SPA 115 Beginning Spanish Conversation I SPA 116 Beginning Spanish Conversation II
Red Mountain High School Mesa, AZ (1 course)	CPD 100 Orientation for Student Development
Skyline High School Mesa, AZ (2 courses)	MAT 152 College Algebra MAT 182 Plane Trigonometry

Maricopa County Community College District
Paradise Valley Community College

Report on Community College Classes Offered in Conjunction with High Schools
(R7-1-709) FY 1999-2000

Total Number of Students Enrolled (Unduplicated Headcount): 34

Locations at Which Courses Were Offered (1 location)	Courses Offered (2 courses)
Paradise Valley High School Phoenix, AZ (2 courses)	ENG 101 First-Year Composition ENG 102 First-Year Composition

Maricopa County Community College District
Phoenix College

Report on Community College Classes Offered in Conjunction with High Schools
(R7-1-709) FY 1999-2000

Total Number of Students Enrolled (Unduplicated Headcount): 660

Locations at Which Courses Were Offered (**8** locations)	Courses Offered (**68** courses)
Alhambra High School Phoenix, AZ (22 courses)	BIO 156 Human Biology for Allied Health BIO 160 Introduction to Human Anatomy and Physiology BIO 181 General Biology (Majors) I BPC 111AA Computer Keyboarding I BPC 111AB Computer Keyboarding II BPC 130DK Personal Word Processing: Word/WINDOWS CIS 114AE Excel: Level I CIS 117AM Database Management: Microsoft Access-Level 1 CIS 118AB PowerPoint: Level I EMT 101 Cardiopulmonary Resuscitation/Basic Life Support ENG 101 First Year Composition ENG 102 First Year Composition HES 210 Making Healthy Decisions: HIV/AIDS HES 271 Prevention and Treatment of Athletic Injuries HES 298AB Workshop MAT 187 Precalculus MAT 220 Analytic Geometry and Calculus I MAT 230 Analytic Geometry and Calculus II PHY 111 Introduction to Physics PSY 101 Introduction to Psychology SPA 203 Spanish for Spanish-Speaking Students I
Camelback High School Phoenix, AZ (4 courses)	ENG 101 First Year Composition MAT 187 Precalculus MAT 220 Analytic Geometry and Calculus I MAT 230 Analytic Geometry and Calculus II
Carl Hayden High School Phoenix, AZ (6 courses)	ART 179 Electronic Presentation Design BIO 148 Coral Reef Ecology BIO 149AK Field Biology: Ecological & Environmental Field Experience BIO 183 Marine Biology BPC 111AA Computer Keyboarding I MMT 216 Multimedia Project Management
Central High School Phoenix, AZ (12 courses)	ART 111 Drawing I ART 131 Photography I ART 167 Painting I BIO 181 General Biology (Majors) I BIO 182 General Biology (Majors) II BPC 111AA Computer Keyboarding I BPC 111AB Computer Keyboarding II BPC 130DK Personal Word Processing: Word/WINDOWS CIS 114AE Excel: Level I CIS 117AM Database Management: Microsoft Access-Level 1 MAT 220 Analytic Geometry and Calculus I MAT 230 Analytic Geometry and Calculus II

Locations at Which Courses Were Offered	**Phoenix College** *Report on Community College Classes Offered in Conjunction with High Schools* Courses Offered
Metro Tech Vocational Institute of Phoenix Phoenix, AZ (5 courses)	HCC 101 Health Care Today HCC 103 Workplace Behavior in Health Care HCC 105 Personal Wellness & Safety HCC 107 Communication/Teamwork in Health Care Organizations HCC 109 CPR for the Health Care Provider
North High School Phoenix, AZ (5 courses)	ART 111 Drawing I ART 131 Photography I ART 167 Painting I ENG 101 First Year Composition MAT 187 Precalculus
Peoria High School Peoria, AZ (6 courses)	REC 131 Horticulture REC 132 Landscape Management REC 137 Turfgrass Management REC 144 Sharpening and Grinding Equipment REC 145 Equipment Mechanics and Shop Management REC 146 Equipment Maintenance and Repair
Trevor Browne High School Phoenix, AZ (8 courses)	AST 102 Survey of Astronomy AST 102 Survey of Astronomy Laboratory BIO 181 General Biology (Majors) I BIO 182 General Biology (Majors) II HIS 103 United States History to 1870 HIS 104 United States History 1870 to Present MAT 220 Analytic Geometry and Calculus I MAT 230 Analytic Geometry and Calculus II

Maricopa County Community College District
Rio Salado College

Report on Community College Classes Offered in Conjunction with High Schools
(R7-1-709) FY 1999-2000

Total Number of Students Enrolled (Unduplicated Headcount): 3,272

Locations at Which Courses Were Offered (**23** locations)	Courses Offered (**302** courses)
Cactus Shadows High School Cave Creek, AZ (1 course)	POS 220 U.S. & Arizona Constitution
Corona del Sol High School Tempe, AZ (22 courses)	BIO 100 Biology Concepts BIO 100 Laboratory for BIO 100 BIO 105 Environmental Biology BIO 105 Laboratory for BIO 105 CHM 151 General Chemistry I CHM 151 Laboratory for CHM 151 CSC 100 Introduction to Computer Science CSC 150 Programming in C/C++ ENG 101 First-Year Composition ENG 102 First-Year Composition GER 101 Elementary German I GER 102 Elementary German II HUM 103 Ideas & Values in the Humanities HUM 104 Ideas & Values in the Humanities MAT 172 Finite Mathematics MAT 187 Precalculus MAT 212 Brief Calculus MAT 221 Calculus with Analytic Geometry I MAT 231 Calculus with Analytic Geometry II MAT 241 Calculus with Analytic Geometry III MAT 262 Differential Equations PSY 101 Introduction to Psychology
Coronado High School Scottsdale, AZ (6 courses)	PHY 101 Introduction to Physics PHY 101 Laboratory for PHY 101 PHY 111 General Physics I PHY 111 Laboratory for PHY 111 PHY 112 General Physics II PHY 112 Laboratory for PHY 112
Deer Valley High School Glendale, AZ (21 courses)	BIO 105 Environmental Biology BIO 105 Laboratory for BIO 105 BIO 181 General Biology (Majors) I BIO 181 Laboratory for BIO 181 BIO 182 General Biology (Majors) II BIO 182 Laboratory for BIO 182 BIO 183 Marine Biology BIO 183 Laboratory for BIO 183 CSC 100 Introduction to Computer Science CSC 185 World Wide Web and Intro to Internet Programming ENG 101 First-Year Composition ENG 102 First-Year Composition MAT 150 College Algebra Concepts *(continued on page 38)*

Locations at Which Courses Were Offered	**Rio Salado College** *Report on Community College Classes Offered in Conjunction with High Schools* Courses Offered
Deer Valley High School Glendale, AZ *(continued from page 37)*	MAT 187 Precalculus POS 220 U.S. & Arizona Constitution PSY 101 Introduction to Psychology SOC 101 Introduction to Sociology SPA 101 Elementary Spanish I SPA 102 Elementary Spanish II SPA 201 Intermediate Spanish I SPA 202 Intermediate Spanish II
Desert Vista High School Phoenix, AZ (30 courses)	CHM 151 General Chemistry I CHM 151 Laboratory for CHM 151 CSC 100 Introduction to Computer Science CSC 150 Programming in C/C++ ENG 101 First-Year Composition ENG 102 First-Year Composition FRE 101 Elementary French I FRE 102 Elementary French II FRE 201 Intermediate French I FRE 202 Intermediate French II HUM 103 Ideas & Values in the Humanities HUM 104 Ideas & Values in the Humanities MAT 167 Elements of Statistics MAT 172 Finite Mathematics MAT 187 Precalculus MAT 212 Brief Calculus MAT 221 Calculus with Analytic Geometry I MAT 231 Calculus with Analytic Geometry II MAT 241 Calculus with Analytic Geometry II MAT 262 Differential Equations PHY 101 Introduction to Physics PHY 101 Laboratory for PHY 101 PHY 111 General Physics I PHY 111 Laboratory for PHY 111 SPA 101 Elementary Spanish I SPA 102 Elementary Spanish II SPA 201 Intermediate Spanish I SPA 202 Intermediate Spanish II SPA 217 Spanish for Business Communication SPA 265 Advanced Spanish I
Dobson High School Mesa, AZ (26 courses)	BIO 105 Environmental Biology BIO 105 Laboratory for BIO 105 BIO 181 General Biology (Majors) I BIO 181 Laboratory for BIO 181 BIO 182 General Biology (Majors) II BIO 182 Laboratory for BIO 182 BIO 183 Marine Biology BIO 183 Laboratory for BIO 183 BIO 201 Human Anatomy & Physiology I BIO 201 Laboratory for BIO 201 *(continued on page 39)*

Locations at Which Courses Were Offered	**Rio Salado College** *Report on Community College Classes Offered in Conjunction with High Schools* Courses Offered
Dobson High School Mesa, AZ *(continued from page 38)*	BIO 202 Human Anatomy & Physiology BIO 202 Laboratory for BIO 202 CHM 151 General Chemistry I CHM 151 Laboratory for CHM 151 CHM 152 General Chemistry II CHM 152 General Chemistry II Lab MAT 172 Finite Mathematics MAT 187 Precalculus MAT 212 Brief Calculus MAT 221 Calculus with Analytic Geometry I MAT 231 Calculus with Analytic Geometry II PHY 111 General Physics I PHY 111 Laboratory for PHY 111 PHY 112 General Physics II PHY 112 Laboratory for PHY 112 POS 220 U.S. & Arizona Constitution
Fountain Hills High School Cave Creek, AZ (2 courses)	SPA 101 Elementary Spanish I SPA 102 Elementary Spanish II
Gilbert High School Gilbert, AZ (8 courses)	ART 111 Drawing I ART 115 Three-Dimensional Design ART 131 Photography I ART 161 Ceramics I ART 177 Computer Photographic Imaging BPC 133 The Internet: World Wide Web SPA 101 Elementary Spanish I SPA 102 Elementary Spanish II
Highland High School Gilbert, AZ (6 courses)	FRE 101 Elementary French I FRE 102 Elementary French II SPA 101 Elementary Spanish I SPA 102 Elementary Spanish II SPA 201 Intermediate Spanish I SPA 202 Intermediate Spanish II
Marcos de Niza High School Tempe, AZ (16 courses)	ART 131 Photography I CHM 151 General Chemistry I CHM 151 General Chemistry I Laboratory CHM 152 General Chemistry II CHM 152 General Chemistry II Lab CSC 100 Introduction to Computer Science CSC 150 Programming in C/C++ ENG 101 First-Year Composition ENG 102 First-Year Composition HUM 103 Ideas & Values in the Humanities HUM 104 Ideas & Values in the Humanities MAT 172 Finite Mathematics MAT 187 Precalculus MAT 212 Brief Calculus MAT 221 Calculus with Analytic Geometry I MAT 231 Calculus with Analytic Geometry II

Locations at Which Courses Were Offered	**Rio Salado College** *Report on Community College Classes Offered in Conjunction with High Schools* Courses Offered
McClintock High School Tempe, AZ (7 courses)	CSC 100 Introduction to Computer Science CSC 150 Programming in C/C++ MAT 172 Finite Mathematics MAT 187 Precalculus MAT 212 Brief Calculus MAT 221 Calculus with Analytic Geometry I MAT 231 Calculus with Analytic Geometry II
Mesa High School Mesa, AZ (5 courses)	ENG 101 First-Year Composition ENG 102 First-Year Composition MAT 152 College Algebra MAT 182 Plane Trigonometry MAT 221 Calculus with Analytic Geometry I
Mesquite High School Gilbert, AZ (24 courses)	SPA 101 Elementary Spanish I SPA 102 Elementary Spanish II ACC 111 Accounting Principles I ACC 112 Accounting Principles II ART 111 Drawing I ART 112 Two-Dimensional Design ART 113 Color ART 115 Three-Dimensional Design ART 131 Photography I ART 161 Ceramics I ART 167 Painting I BIO 100 Biology Concepts BIO 100 Laboratory for BIO 100 CHM 151 General Chemistry I CHM 151 General Chemistry I Laboratory ENH 241 American Literature Before 1860 ENH 242 American Literature After 1860 FRE 101 Elementary French I FRE 102 Elementary French II FRE 201 Intermediate French I FRE 202 Intermediate French II GER 101 Elementary German I GER 102 Elementary German II HUM 103 Ideas & Values in the Humanities
Mountain Pointe High School Phoenix, AZ (22 courses)	HUM 104 Ideas & Values in the Humanities JRN 125 Photo Editing JRN 134 Feature Writing MAT 150 College Algebra Concepts MAT 172 Finite Mathematics MAT 187 Precalculus MAT 212 Brief Calculus MAT 220 Analytic Calculus and Geometry I MAT 221 Calculus with Analytic Geometry I MAT 231 Calculus with Analytic Geometry II MKT 271 Principles of Marketing PHY 101 Introduction to Physics *(continued on page 41)*

Locations at Which Courses Were Offered	Courses Offered
Mountain Pointe High School Phoenix, AZ *(continued from page 40)*	PHY 101 Laboratory for PHY 101 PHY 111 General Physics I PHY 111 Laboratory for PHY 111 PHY 112 General Physics II PHY 112 Laboratory for PHY 112 POS 220 U.S. & Arizona Constitution SPA 101 Elementary Spanish I SPA 102 Elementary Spanish II SPA 201 Intermediate Spanish I SPA 202 Intermediate Spanish II
Mountain Ridge High School Glendale, AZ (6 courses)	BIO 201 Human Anatomy & Physiology I BIO 201 Laboratory for BIO 201 BIO 202 Human Anatomy & Physiology II BIO 202 Laboratory for BIO 202 MAT 187 Precalculus PSY 101 Introduction to Psychology
North Canyon High School Phoenix, AZ (2 courses)	TCM 180 Television Production Techniques VPT 204 Advanced Video Production
Red Mountain High School Mesa, AZ (12 courses)	BIO 201 Human Anatomy & Physiology I BIO 201 Laboratory for BIO 201 BIO 202 Human Anatomy & Physiology II BIO 202 Laboratory for BIO 202 ENH 110 Introduction to Literature MAT 150 College Algebra Concepts MAT 187 Precalculus MAT 221 Calculus with Analytic Geometry I PHY 111 General Physics I PHY 111 Laboratory for PHY 111 PHY 112 General Physics II PHY 112 Laboratory for PHY 112
St. Mary's High School Phoenix, AZ (4 courses)	ENG 101 First-Year Composition ENG 102 First-Year Composition ENH 221 Survey of English Literature Before 1800 ENH 222 Survey of English Literature After 1800
Sequoia High School Mesa, AZ (4 courses)	HIS 243 World Religions MAT 152 College Algebra MAT 221 Calculus with Analytic Geometry I SPA 102 Elementary Spanish II
South Mountain High School Phoenix, AZ (1 course)	MGT 253 Owning & Operating a Small Business
Tempe High School Tempe, AZ (17 courses)	BIO 100 Biology Concepts BIO 100 Laboratory for BIO 100 BIO 201 Human Anatomy & Physiology I BIO 201 Laboratory for BIO 201 BIO 202 Human Anatomy & Physiology II BIO 202 Laboratory for BIO 202 HUM 103 Ideas & Values in the Humanities HUM 104 Ideas & Values in the Humanities *(continued on page 42)*

Locations at Which Courses Were Offered	Courses Offered
Tempe High School Tempe, AZ *(continued from page 41)*	MAT 172 Finite Mathematics MAT 187 Precalculus MAT 212 Brief Calculus MAT 221 Calculus with Analytic Geometry I MAT 231 Calculus with Analytic Geometry II SPA 101 Elementary Spanish I SPA 102 Elementary Spanish II SPA 201 Intermediate Spanish I SPA 202 Intermediate Spanish II
Westwood High School Mesa, AZ (18 courses)	BIO 181 General Biology (Majors) I BIO 181 Laboratory for BIO 181 BIO 182 General Biology (Majors) II BIO 182 Laboratory for BIO 182 BIO 201 Human Anatomy & Physiology I BIO 201 Laboratory for BIO 201 BIO 202 Human Anatomy & Physiology II BIO 202 Laboratory for BIO 202 ENG 101 First-Year Composition MAT 187 Precalculus MAT 221 Calculus with Analytic Geometry I MAT 231 Calculus with Analytic Geometry II PHY 111 General Physics I PHY 111 Laboratory for PHY 111 PHY 112 General Physics II PHY 112 Laboratory for PHY 112 SLG 101 American Sign Language I SLG 102 American Sign Language II
Xavier College Preparatory Phoenix, AZ (42 courses)	BIO 201 Human Anatomy & Physiology I BIO 201 Laboratory for BIO 201 BPC 110 Computer Usage & Application BPC 114 Excel Spreadsheet BPC 117 Database Management BPC 120 Microcom. Graphics: MACPowerpoint BPC 135 Word Processing Software: Word/Win BPC 235 Adv. W P Software: Word/Win CFS 176 Child Development ENH 221 Survey of English Literature Before 1800 ENH 222 Survey of English Literature After 1800 ENH 241 American Literature Before 1860 ENH 242 American Literature After 1860 FON 144 Gourmet Foods FRE 101 Elementary French I FRE 102 Elementary French II FRE 201 Intermediate French I FRE 202 Intermediate French II HIS 101 History of West. Civ. Middle Ages to 1789 HIS 102 History of Western Civilization/1789 to Present HIS 103 United States History to 1870 *(continued on page 43)*

Locations at Which Courses Were Offered	Courses Offered
Xavier College Preparatory Phoenix, AZ *(continued from page 42)*	HIS 104 United States History 1870 to Present MAT 150 College Algebra Concepts MAT 151 College Algebra/Functions MAT 182 Plane Trigonometry MAT 187 Precalculus MAT 212 Brief Calculus MAT 220 Analytic Geometry and Calculus I MAT 221 Calculus with Analytic Geometry I MAT 231 Calculus with Analytic Geometry II PHI 243 World Religions PHY 101 Introduction to Physics PHY 101 Laboratory for PHY 101 PHY 111 General Physics I PHY 111 Laboratory for PHY 111 PHY 112 General Physics II PHY 112 Laboratory for PHY 112 SPA 101 Elementary Spanish I SPA 102 Elementary Spanish II SPA 201 Intermediate Spanish I SPA 202 Intermediate Spanish II TEC 112 Pattern Alteration & Fit

Maricopa County Community College District
Scottsdale Community College

Report on Community College Classes Offered in Conjunction with High Schools
(R7-1-709) FY 1999-2000

Total Number of Students Enrolled (Unduplicated Headcount): 124

Locations at Which Courses Were Offered (**4** locations)	Courses Offered (**13** courses)
Fountain Hills High School Fountain Hills, AZ (6 courses)	DFT 105 Computer-Aided Drafting HRM 110 Introduction to Hospitality Management MAT 187 Precalculus MAT 220 Analytic Geometry and Calculus I MAT 230 Analytic Geometry and Calculus II
Chapparal High School Scottsdale, AZ (3 courses)	BPC 117AM Database Management BPC 118AB PowerPoint: Level I BPC 135DK Word Processing: WordPerfect/Windows
Desert Mountain High School Scottsdale, AZ (3 courses)	HRM 110 Introduction to Hospitality Management BPC 111AA Computer Keyboarding I BPC 111AB Computer Keyboarding II
Saguaro High School Scottsdale, AZ (2 courses)	BPC 100 Business-Personal Computers HRM 110 Introduction to Hospitality Management

Maricopa County Community College District
South Mountain Community College

Report on Community College Classes Offered in Conjunction with High Schools
(R7-1-709) FY 1999-2000
Total Number of Students Enrolled (Unduplicated Headcount): 944

Locations at Which Courses Were Offered (4 locations)	Courses Offered (34 courses)
Desert Vista High School Phoenix, AZ (1 course)	MKT 271 Principals of Marketing
Horizon Charter School Phoenix, AZ (4 courses)	BPC 111AA Computer Keyboarding I BTO 160 Office Software Update ENG 101 First Year Composition I ENG 102 First Year Composition II
South Mountain Community College Phoenix, AZ (9 courses)	AGB 132 Agricultural Acct & Bus Analysis AGS 164 Plant Growth & Development AGS 285 Propagation of Horticultural Plants ANS 110 Introduction to Animal Science ANS 213 Animal Feeding BIO 109 Natural History of the Southwest EQS 105 Principles of Equine Science EQS 120 Equine Anatomy & Physiology EQS 225 Equine Health & Disease Management
South Mountain High School Phoenix, AZ (20 courses)	ACC 103 Computerized Accounting ACC 107 Bookkeeping Theory AET 107 Private Pilot Ground School ATC 102 Air Traffic Control BPC 110 Computer Usage and Applications BPC 110AA Computer Keyboarding I BPC 110AB Computer Keyboarding II BPC 117DM Microsoft Access BPC 130 Personal Micro Processing BPC 133BA The Internet Level I BPC 133CA The Internet Level II BPC 135AK Word Processing Software: Word/DOS BPC 138AA Window Desktop Design & Publishing BTO 160 Office Software ECH 212 Creative Activities for the Young Child ENG 101 First Year Composition I ENG 102 First Year Composition II MAT 220 Analytic Geometry and Calculus I OAS 101 Typing I: Keyboarding and Formatting OAS 225 Legal Document Preparation

Navajo County Community College District
Northland Pioneer College

Report on Community College Classes Offered in Conjunction with High Schools
(R7-1-709) FY 1999-2000

Total Number of Students Enrolled (Unduplicated Headcount): 1,618

Locations at Which Courses Were Offered (**11** locations)	Courses Offered (**182** courses)
Alchesay High School Whiteriver, AZ (4 courses)	EMT 101 CPR & First Aid HES 170 Medical Terminology NAT 102 Nursing Assistant NAT 103 Home Health Aide
Blue Ridge High School Lakeside, AZ (54 courses)	AUT 106 Automotive Engines AUT 107 Automotive Engine Laboratory I AUT 108 Automotive Engine Laboratory II AUT 109 Automotive Engine Service Laboratory AUT 110 Automotive Technology AUT 111 Automotive Technology AUT 112 Automotive Technology AUT 199 Automotive Technology - Independent Study BOC 100 Construction Safety BOC 101 Shop Safety Practices BOC 105 Wood and Steel Framing BOC 107 Drywall Technique BOC 110 Plumbing I BOC 117 Concrete Flatwork and Formwork BOC 120 Cabinetmaking I BOC 135 Furnituremaking I BOC 150 Residential Wiring I BOC 235 Furnituremaking II BUS 112 Fundamentals of Bookkeeping for Business BUS 117 Principles of Accounting I - Financial BUS 122 Computer Accounting DRF 120 Technical Drafting I DRF 130 Architectural Drafting I DRF 145 AutoSketch DRF 150 AutoCAD I DRF 200 Applied Drafting and Design DRF 230 Architectural Drafting II DRF 250 AutoCAD II DRF 252 AutoCAD Productivity ECD 100 Providing a Healthy Environment ECD 101 The Child's Total Learning Environment ECD 102 Ensuring a Safe Environment ECD 105 Guidance Principles for Encouraging Self-Discipline ECD 107 Collecting, Organizing, and Using Teaching Aids ECD 108 Techniques for Observing Children ECD 115 Nutrition in Early Childhood ECD 120 Enhancing a Positive Self-Concept ECD 123 Music and Creative Movement ECD 124 Dramatic Plan in the Early Childhood Setting *(continued on next page 50)*

Locations at Which Courses Were Offered	**Northland Pioneer College** *Report on Community College Classes Offered in Conjunction with High Schools* Courses Offered
Blue Ridge High School Lakeside, AZ *(continued from page 49)*	ECD 125 Creative Media ECD 136 Understanding How Children Learn ECD 147 Prenatal and Infant Development ECD 148 Toddler Development ECD 149 Development of the Preschool Child ECD 150 Middle Childhood Years HEC 112 Beginning Clothing Construction HEC 113 Intermediate Clothing Construction HEC 245 Advanced Clothing Construction HOS 120 Restaurant Operations HOS 121 Foods I HOS 122 Foods II INA 105 Woodworking I INA 106 Woodworking II INA 205 Woodworking III INA 206 Woodworking IV ITP 160 Robotics LAN 160 Beginning American Sign Language LAN 161 Intermediate American Sign Language LAN 260 Advanced American Sign Language MAT 152 College Algebra MAT 189 Precalculus Algebra/Trigonometry MAT 211 Technical Calculus OED 110 Basic Keyboarding & Format OED 142 WordPerfect Word Processing
Holbrook High School Holbrook, AZ (8 courses)	ENL 101 English Composition I ENL 102 English Composition II GLG 101 Introduction to Geology I - Physical Geology MAT 152 College Algebra MAT 189 Precalculus Algebra/Trigonometry MAT 221 Calculus I MAT 231 Calculus II SPA 101 Elementary Spanish I
Hopi High School Keams Canyon, AZ (7 courses)	BIO 181 General Biology I BIO 182 General Biology II CSC 255 Computer Graphics ENL 101 College Composition I ENL 102 College Composition II MAT 152 College Algebra MAT 189 Precalculus Algebra/Trigonometry
Joseph City High School Joseph City, AZ (30 courses)	AUT 140 Automotive Technology AUT 141 Automotive Technology BOC 120 Cabinetmaking I BOC 220 Cabinetmaking II BOC 221 Cabinetmaking III ECD 147 Prenatal and Infant Development ECD 148 Toddler Development ECD 149 Development of the Preschool Child *(continued on page 51)*

Locations at Which Courses Were Offered	Courses Offered
Joseph City High School Joseph City, AZ *(continued from page 50)*	ECD 150 Middle Childhood Years INA 105 Woodworking I LAN 160 Beginning American Sign Language LAN 161 Intermediate American Sign Language LAN 260 Advanced American Sign Language MAT 189 Precalculus Algebra/Trigonometry MAT 221 Calculus I OED 114 Introduction to the Modern Office OED 260 Desktop Publishing SER 140 Chain Saw Repair WLD 119 Oxyacetylene Theory WLD 120 Oxyacetylene Welding I WLD 125 Arc Welding I WLD 126 Arc Welding II WLD 145 Welding Metallurgy WLD 210 Weld Testing and Inspection WLD 220 Arc Welding III WLD 224 TIG Welding Theory WLD 225 TIG Welding I WLD 226 TIG Welding II WLD 230 MIG Welding WLD 290 Welding Fabrication
Mogollon High School Heber, AZ (6 courses)	BUS 100 Introduction to Business BUS 103 Success on Your Job HPE 110 Beginning Weight Training MAT 189 Precalculus Algebra/Trigonometry MAT 221 Calculus I OED 114 Introduction to the Modern Office
Northern Arizona Academy Various sites (2 courses)	ART 103 Basic Design ART 199 Art-Workshop
Show Low High School Show Low, AZ (36 courses)	AUT 106 Automotive Engines AUT 107 Automotive Engine Laboratory I AUT 108 Automotive Engine Laboratory II AUT 109 Automotive Engine Service Laboratory AUT 112 Automotive Technology BOC 100 Construction Safety BOC 101 Shop Safety Practices BOC 108 Finish Carpentry BOC 120 Cabinetmaking I BUS 100 Introduction to Business BUS 103 Success on Your Job BUS 110 Small Business Management BUS 112 Fundamentals of Bookkeeping for Business BUS 122 Computer Accounting BUS 215 Payroll Accounting CSC 102 Corel Suite Computer Applications CSC 103 Introduction to Windows DRF 120 Technical Drafting I DRF 130 Architectural Drafting I *(continued on page 52)*

Locations at Which Courses Were Offered	**Northland Pioneer College** *Report on Community College Classes Offered in Conjunction with High Schools* Courses Offered
Show Low High School Show Low, AZ *(continued from page 51)*	ECD 105 Guidance Principles for Encouraging Self-Discipline ECD 120 Enhancing a Positive Self-Concept ECD 125 Creative Media ECD 126 Large Muscle Development ECD 127 Small Muscle Development ECD 136 Understanding How Children Learn HEC 112 Beginning Clothing Construction HEC 113 Intermediate Clothing Construction HOS 121 Foods I HOS 122 Foods II OED 100 Keyboarding OED 111 Advanced Keyboarding and Document Processing OED 112 Proofreading OED 113 Basic Memo/Letter Writing OED 170 Written Business Communications OED 260 Desktop Publishing PHO 100 Beginning Photography
Snowflake High School Snowflake, AZ (11 courses)	AGR 110 Animal Industry CSC 230 Introduction to Microsoft Office HPE 110 Beginning Weight Training HPE 111 Advanced Weight Training MAT 152 College Algebra MAT 189 Precalculus Algebra/Trigonometry OED 110 Basic Keyboarding & Format OED 111 Advanced Keyboarding and Document Processing OED 116 Electronic Calculators OED 142 WordPerfect Word Processing WLD 125 Arc Welding I
St. Johns High School St. Johns, AZ (5 courses)	ECD 147 Prenatal and Infant Development ECD 148 Toddler Development ECD 149 Development of the Preschool Child ECD 150 Middle Childhood Years HOS 123 Food Service Sanitation
White Mt. Campus, NPC Show Low, AZ (1 course)	NAT 101 Nursing Assistant
Winslow High School Winslow, AZ (8 courses)	ENL 101 College Composition I ENL 102 College Composition II MAT 152 College Algebra MAT 189 Precalculus Algebra/Trigonometry POS 110 American Government POS 221 American Constitution and Government SPA 101 Elementary Spanish I SPA 102 Elementary Spanish II

Northland Pioneer College Course Descriptions – Top Ten Courses

CSC 102 Corel Suite Computer Applications 3 credits
This course is designed to provide an understanding in the use of electronic word processors, spreadsheets, data bases, and presentation graphics using Corel Suite integrated software. Students will use these various applications to solve problems in the home, office, and business environments. Two lecture; two lab.

CSC 103 Introduction to Windows 1 credit
In this introductory course students will learn the Windows operating environment on IBM compatible computers. Hardware, terminology, and working with icons, pull-down menus, dialog boxes and file management will be included. This course is not for CIS majors. One lecture; one lab.

HOS 121 Foods I 3 credits
This course will provide the student with an introduction to food service. The student will learn basic food service principles as they relate to the restaurant industry: nutritional concepts, kitchen tools and equipment,food preparation, herbs and spices, stock and sauces, cookie varieties, and bread production. Three lecture.

HPE 110 Beginning Weight Training 1 credit
Designed to supplement an aerobic cardiovascular training program. Includes basic anatomy and exercise physiology, muscle groups and the appropriate exercises for each.Will also include weight training principles, systems and safety. Two lab.

HPE 111 Advanced Weight Training 1 credit
Designed to supplement an aerobic cardiovascular training program. Includes basic anatomy and exercise physiology, muscle groups, and the appropriate exercises for each. Also includes advanced use of the machines and free-weights. Body building techniques will also be presented if requested. Two lab.

OED 100 Keyboarding 1 credit
Basic keyboarding and keypad mastery using correct touch principles. Basic formatting techniques are introduced. .5 lecture; one lab.

OED 110 Basic Keyboarding & Format 3 credits
Students learn touch methods of alpha-numeric symbol keyboard, accuracy/speed and document preparation.

MAT 152 College Algebra 3 credits
This course presents algebraic concepts at the college level. The approach is intuitive and interactive, with an emphasis on real-life applications and the use of current technologies, particularly graphing calculators. Coursework includes a review of basic algebra, then progresses to techniques for solving equations and inequalities both algebraically and graphically. Also covers polynomial, rational, radical, exponential and logarithmic functions and their graphs, as well as sequences, series, and combinatorics. Three lecture.

MAT 189 Precalculus Algebra/Trigonometry 3 credits
This course represents the concepts in algebra and trigonometry necessary to prepare for calculus. The approach is intuitive and interactive, with an emphasis on real-life applications and the use of current technologies particularly graphing calculations. Coursework includes trigonometric functions, analytic trigonometry, vectors and applications, systems of equations and inequalities, matrices and determinants, and analytic geometry. Three lecture.

PHO 100 Beginning Photography 3 credits
Principles and process of photography includes techniques of black and white photography and processing. Two lecture; two lab.

Pima County Community College District
Pima Community College

Report on Community College Classes Offered in Conjunction with High Schools
(R7-1-709) FY 1999-2000

Total Number of Students Enrolled (Unduplicated Headcount): 765

Locations at Which Courses Were Offered (**8** locations)	Courses Offered (**40** courses)
Canyon del Oro High School Tucson, AZ (2 courses)	PSY 101 Introduction to Psychology WRI 101 Writing I
Cholla High School Tucson, AZ (2 courses)	AJS 101 Introduction to Administration of Justice Systems WRT 196 Independent Study in Writing
Flowing Wells High School Tucson, AZ (8 courses)	BIO 100 Biology Concepts BIO 105 Environmental Biology CHM 151 General Chemistry CHM 152 General Chemistry II HIS 141 History of the United States I HIS 142 History of the United States II POS 110 American National Government and Politics POS 120 Introduction to International Relations
Palo Verde High School Tucson, AZ (8 courses)	CHM 151 General Chemistry CHM 152 General Chemistry II HIS 141 History of the United States I HIS 142 History of the United States II MAT 151 College Algebra MAT 182 Trigonometry MAT 220 Calculus I MAT 231 Calculus II
Sabino High School Tucson, AZ (3 courses)	SPA 110 Elementary Spanish I SPA 111 Elementary Spanish II SPE 124 Argumentation
Sahuaro High School Tucson, AZ (2 courses)	SPA 110 Elementary Spanish SPA 111 Elementary Spanish II
Salpointe High School Tucson, AZ (13 courses)	BIO 181 General Biology CHM 140 Fundamental Organic and Biochemistry CSC 100 Introduction to Computers and Information Systems FRE 210 Intermediate French I FRE 211 Intermediate French II HUM 110 Humanities I HUM 111 Humanities II MAT 172 Finite Mathematics MAT 220 Calculus I PHY 121 Introductory Physics I REL 130 Asian Religions WRI 101 Writing I WRI 102 Writing II
Tucson High School Tucson, AZ (2 courses)	HIS 127 History & Culture of the Mexican-American in the Southwest POS 110 American National Government and Politics

Pima Community College Course Descriptions – Top Ten Courses

BIO 181 General Biology 4 credits
Prerequisite(s): Equivalent of one semester college chemistry, assessed placement at MAT 122 and REA 091. Principles of structure and function of living things at the molecular, cellular and organismic levels of organization. Includes scientific process; chemistry of the cell; cell structure, function, and reproduction; inheritance; molecular biology and biotechnology. (3 lec., 3 lab)

CHM 140 Fundamental Organic and Biochemistry 5 credits
Prerequisite(s): CHM 130, high school chemistry within the last three years or consent of instructor. Continuation of CHM 130. Organic chemistry as the basis for the study of some important life processes. Includes the classification, structure and general chemical behavior of organic and biochemical systems. Adapted to the needs of students in nursing and other allied health programs.

HUM 110 Humanities I 4 credits
Introduction to major cultures from Sumer through the Reformation. Includes a focus on the general history of ideas, art, architecture, religion, philosophy, drama, music, and literature. Also includes readings from the "Epic of Gilgamesh", Homer, Sophocles, Aristophanes, Plato, Aristotle, Virgil's Aeneid, the Hebrew and the Christian Scriptures, St. Augustine, heroic and religious works of the Middles Ages, Danta, Chaucer, Machiavelli, and Shakespeare. (4 lec.)

HUM 111 Humanities II 4 credits
Introduction to the culture of the modern western world from the Counter Reformation-Baroque to the present. Includes a focus on the general history of ideas, art, architecture, religion, philosophy, drama, music and literature. Also includes readings from the Baroque philosophers, Cervantes, Voltaire, Rousseau, Goethe, Romantic, pre-modern and contemporary literature, poetry, and drama. (4 lec.)

MAT 172 Finite Mathematics 3 credits
Prerequisite: MAT 151. Mathematics for students majoring in business. Includes set theory, partitions, permutations, combinations, probability, Bernoulli trials, Markov chains and the simplex method of linear programming. (3 lec.)

MAT 220 Calculus I 5 credits
Prerequisite(s): MAT 182 or 187 or satisfactory score on the mathematics assessment test. Introduction to analytical geometry and calculus. Includes limits, continuity, differentiation and integration of algebraic and basic trigonometric functions, and applications of differentiation and integration.

PHY 121 Introductory Physics I 5 credits
Prerequisite: High School algebra. Introduction to general physics for programs requiring a one-year, non-calculus based physics course. Includes mechanics and heat. (5 lec., 2 lab)

SPA 110 Elementary Spanish I 4 credits
Skill development to provide proficiency in basic communication (listening, speaking, reading and writing), emphasizing an examination of Spanish cultural traditions.

WRI 101 Writing I 3 credits
Prerequisite(s): WRI 100 or satisfactory score on writing assessment test. Principles and practices of writing. Includes writing college-level essays, review of basic writing skills, and written works. Also includes descriptive, expository and persuasive writing.

WRI 102 Writing II 3 credits
Prerequisite(s): WRI 101. Continuation of WRI 101. Includes writing analytical or critical papers, analysis and discussion of various types of literature, developing research skills, and written works. Also includes writing a research paper.

Pinal County Community College District
Central Arizona College

Report on Community College Classes Offered in Conjunction with High Schools
(R7-1-709) FY 1999-2000

Total Number of Students Enrolled (Unduplicated Headcount): 181

Locations at Which Courses Were Offered (4 locations)	Courses Offered (26 courses)
Casa Grande Union High School Casa Grande, AZ (7 courses)	AJS 101 Introduction to Administration of Justice ENG 101 English Composition III ENG 102 English Composition IV MAT 150 College Algebra with Review MAT 182 Trigonometry NUR 120 Nursing Assistant PSY 101 Introduction to Psychology
Florence High School Florence, AZ (1 course)	HOC 110B Medical Terminology B
San Manuel High School San Manuel, AZ (9 courses)	ASB 102 Cultural Anthropology CHM 100 Fundamentals of Chemistry CHM 101 General Chemistry I LIT 101 Introduction to Literature MAT 152 College Algebra, Accelerated MAT 182 Trigonometry PHY 100 Physical Universe POS 101 American Politics SOC 100 Introduction to Sociology
Santa Cruz Valley Union HS Eloy, AZ (1 course)	110B Medical Terminology B
Sequoia High School Mesa, AZ (8 courses)	COM 198 American Sign Language I COM 198 American Sign Language III COM 198 American Sign Language VI ENG 101 English Composition III ENG 102 English Composition IV HIS 103 Histyory of Western Civilization I HIS 104 History of Western Civilization II SPA 101 Elementary Spanish I

Central Arizona College Course Descriptions – Top Ten Courses

CHM 100 Fundamentals of Chemistry 4 credits
An introductory course which covers the basic aspects of such topics as matter, energy, measurement, atoms, molecules, ions, chemical bonding, chemical arithmetic, and nuclear reactions.

COM 198 American Sign Language III 3 credits
This course is designed to introduce students to manual communication, finger spelling and sign language and to the problems and personalities of the deaf.

ENG 101 English Composition III 3 credits
Development of students' abilities to read and write academic, college-level essays with an emphasis on creating and developing ideas, and using a process of writing, revising, and editing to create organized coherent, well-developed essays reflecting the conventions of English grammar, mechanics, and usage.

ENG 102 English Composition IV 3 credits
Further emphasis on critical reading and essay writing, with each student writing short essays as well as an extended research paper, engaging students in the reading, thinking, and writing processes central to academic research: paraphrase, summary critical analysis, and synthesis.

HIS 103 History of Western Civilization I 3 credits
A survey of Western world development from its beginnings to the mid-17th century, centered on the cultural, scientific, religious, and political contributions of the great western civilizations.

HIS 104 History of Western Civilization II 3 credits
A study of society from mid-17th century to modern day, stressing its intellectual, military, and political conflicts.

HOC 110B Medical Terminology B 3 credits
Continuation of HOC 110A, providing the student with continued exposure to the principles of medical terminology and building a working vocabulary of medical terms, including common terms in anatomy, physiology, and pharmacology.

MAT 150 College Algebra with Review 5 credits
An accelerated study of algebra including topics such as equations, relations, functions, transformations, linear and quadratic functions and inequalities, systems of linear equations and inequalities, exponential and logarithmic functions, polynomials and rational functions, and imaginary and complex.

PSY 101 Introduction to Psychology 3 credits
Principles and theories of human behavior: history of psychology, scientific discipline applied to psychology, physiological psychology, sensation and perception, human development, drives, motives, emotions, personality, adjustment, abnormality, therapeutic models, theories of attribution and attraction, group consciousness, learning, memory, intelligence, and measurement and testing of intelligence.

SOC 100 Introduction to Sociology 3 credits
The systematic study of human behavior as shaped by group life, and the social systems and structures created by human beings.

Yavapai County Community College District
Yavapai College

Report on Community College Classes Offered in Conjunction with High Schools
(R7-1-709) FY 1999-2000

Total Number of Students Enrolled (Unduplicated Headcount): 47

Locations at Which Courses Were Offered (**2** locations)	Courses Offered (**6** courses)
Mingus Union High School Cottonwood, AZ (3 courses)	ENG 101 College Composition I ENG 102 College Composition II MTH 135 Precalculus
Tri-City Preparatory High School Prescott, AZ (3 courses)	ENG 101 College Composition I ENG 102 College Composition II MTH 135 Precalculus

Yavapai College Course Descriptions

ENG 101 College Composition I 3 credits
Extensive practice in composing essays. Emphasis on processes of writing, reading, and critical thinking. Introduction to library skills.

ENG 102 College Composition II 3 credits
Extensive practice in critical reading and writing about literature, with emphasis on fluency in critical writing. Includes additional library skills and writing a critical, documented essay.

MTH 135 Pre-Calculus 5 credits
Topics from college algebra and trigonometry essential to the study of calculus and analytic geometry. Algebraic, exponential, logarithmic, trigonometric, and inverse trigonometric functions, complex numbers, linear and nonlinear systems of equations and inequalities, and sequences and series.